

TEMPERATURE CONTROL SYSTEM

ABSTRACT

5 A method and implementing computerized system are provided for enabling point-specific temperature control for a given airspace. In an exemplary embodiment, infrared sensing devices are positioned in a vehicle to sense and record temperatures at various points within the vehicle airspace.

10 This temperature profile is mapped relative to points within the vehicle and compared to a preferred temperature database to provide temperature control signals. The temperature control signals are, in turn, applied to temperature control air vent devices which are effective to direct appropriate

15 air flows to specific areas such that actual measured temperatures at control points in the vehicle airspace approach the preferred temperatures for the respective control points. In another example, when sensed temperatures are above or below predetermined emergency condition limits

20 for a predetermined period of time, various alarm systems are activated until the sensed emergency condition is corrected.